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PIONEER HI-BRED DSM

SN: 09/758,802

AMENDMENTS TO THE SPECIFICATION

Please insert the following after line 23 of page 16 in the specification.

The SSR profile of Inbred PH581 can be found in Table A.

Table A

Public Name of Marker	bin #	PH581 base pairs
phi427913	1.01	129.38
bnlg1014	1.01	131.78
phi056	1.01	249.32
bnlg1083	1.02	221.86
bnlg1127	1.02	96.21
bnlg1953	1.02	205.80
bnlg1429	1.02	190.09
bnlg1627	1.02	204.35
bnlg439	1.03	232.00
phi109275	1.03	139.59
phi339017	1.03	145.56
bnlg1203	1.03	306.51
bnlg1484	1.03	143.49
bnlg2086	1.04	225.83
bnlg2238	1.04	228.62
bnlg1832	1.05	223.63
bnlg1886	1.05	141.48
bnlg1057	1.06	249.42
bnlg1041	1.06	194.58
bnlg1615	1.06	232.40
bnlg1556	1.07	207.66
phi323065	1.08	317.66
phi335539	1.08	91.69
phi423298	1.08	133.68
phi002	1.08	69.78
bnlg1331	1.09	121.03
phi011	1.09	226.98
phi308707	1.10	131.11
phi227562	1.11	319.44
phi265454	1.11	217.66
phi064	1.11	74.22
phi402893	2.00	212.91
phi96100	2.01	280.53

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Public Name of Marker	bin #	PH581 base pairs
bnilg1017	2.02	195.57
bnilg2277	2.02	294.16
bnilg1064	2.03	188.18
bnilg1018	2.04	138.37
bnilg1909	2.05	295.14
bnilg1138	2.06	223.89
bnilg1396	2.06	133.20
bnilg1831	2.06	189.90
phi251315	2.07	123.79
phi328189	2.08	121.35
phi427434	2.08	137.07
phi435417	2.08	214.27
bnilg1141	2.08	178.62
bnilg1940	2.08	208.70
phi127	2.08	122.04
bnilg1520	2.09	296.30
phi101049	2.10	244.88
phi453121	3.00	217.80
phi104127	3.01	169.96
phi404206	3.01	300.24
phi193225	3.02	136.71
phi374118	3.02	222.89
bnilg1144	3.02	157.89
bnilg1647	3.02	163.74
bnilg1523	3.03	264.89
bnilg1019	3.04	155.02
bnilg1113	3.04	134.41
bnilg1452	3.04	125.59
bnilg1035	3.05	101.06
phi053	3.05	166.74
phi102228	3.06	135.04
bnilg1160	3.06	222.23
bnilg1951	3.06	126.99
bnilg2241	3.06	116.46
phi072	4.00	139.43
phi213984	4.01	284.60
phi295450	4.01	184.83
bnilg1162	4.03	104.11
phi308090	4.04	218.64
phi096	4.04	234.58
phi438301	4.05	208.45
bnilg1159	4.05	147.81

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Public Name of Marker	bin #	PH581 base pairs
bnilg1755	4.05	216.63
bnilg1937	4.05	227.36
bnilg1265	4.05	213.91
phi079	4.05	177.74
bnilg1189	4.07	129.65
bnilg2244	4.08	216.18
bnilg1006	5.00	216.82
phi396160	5.02	298.12
phi109188	5.03	167.28
bnilg653	5.04	151.67
phi330507	5.04	136.53
phi331888	5.04	134.18
bnilg1208	5.04	118.88
bnilg1892	5.04	158.09
phi333597	5.05	213.82
phi085	5.06	256.26
bnilg1118	5.07	80.70
bnilg1711	5.07	176.65
phi423796	6.01	128.39
phi389203	6.03	306.15
phi452693	6.04	130.98
bnilg1174	6.05	218.72
phi299852	6.07	110.58
phi364545	6.07	131.46
bnilg1740	6.07	236.30
bnilg1759	6.07	127.78
phi070; umc1063	6.07	81.05
phi034	7.02	137.50
bnilg2271	7.03	219.98
phi260485	7.05	301.94
phi051	7.05	138.57
phi069	7.05	195.31
phi116	7.06	168.82
phi420701	8.00	291.88
phi100175	8.03	136.75
bnilg2082	8.03	172.52
phi115	8.03	302.63
phi121	8.03	97.90
bnilg2046	8.04	320.35
bnilg1176	8.05	217.94
bnilg1152	8.06	121.65

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Public Name of Marker	bin #	PH581 base pairs
bnilg1065	8.07	215.69
bnilg1056	8.08	110.49
phi015	8.08	94.16
phi233376	8.09	136.10
bnilg2122	9.01	219.19
bnilg1012	9.04	171.18
phi032	9.04	236.63
phi108411	9.05	122.38
phi236654	9.05	122.93
bnilg619	9.07	272.68
phi041	10.00	202.94
phi96342	10.02	252.35
phi059	10.02	153.35
bnilg1079	10.03	170.34
phi050	10.03	83.27
phi301654	10.04	128.33
phi062	10.04	161.07
phi323152	10.05	134.72
bnilg1074	10.05	161.94
bnilg1185	10.07	151.61
bnilg1450	10.07	189.35
phi109642	2.03/2.04	137.61
bnilg1720	1.09/1.10	236.44
phi159819	6.00/6.08	135.83
phi448880	9.06/9.07	182.99

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